1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

#### State of New Mexico **Energy Minerals and Natural Resources**

June 1, 2004

Form C-144

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe

### Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes No Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒ BP AMERICA PROD. CO. Telephone: (50)53-326-9200 e-mail address: Address: 200 ENERGY COURT, FARMINGTON, NM 87410 API#: 30-045- 22302 Facility or well name: CHAVEZ GC A #1A U/L or Qtr/Qtr P Sec 3 T 29N R 9W Longitude 107.76009 NAD: 1927 ☐ 1983 ⊠ Surface Owner Federal ⊠ State ☐ Private ☐ Indian ☐ County: SAN JUAN Latitude 36.74858 RCVD APR5'07 Pit Below-grade tank Type: Drilling Production Disposal PRODUCTION TANK OIL CONS. DIV. Volume: Workover Emergency Lined Unlined 🛛 Liner type: Synthetic Thickness Pit Volume Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 0 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more ( 0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic 0 No ( 0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points) 0 irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more ( 0 points) Ranking Score (Total Points) 0 If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if . (3) Attach a general description of remedial action taken including your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility remediation start date and end date. (4) Groundwater encountered: No 🖾 Yes 🔲 If yes, show depth below ground surface Attach soil sample results and a diagram of sample locations and excavations. Additional Comments PIT LOCATED APPROXIMATELY 93 FT. N42E FROM WELL HEAD. PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft. PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, COMPOST: □, STOCKPILE: □, OTHER □ (explain) Cubic vards: N/A BEDROCK BOTTOM I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines \( \sigma, \) a general permit \( \sigma, \) or an alternative OCD-approved plan \( \sigma. \) 01/31/06 Date **Jeff Blagg – P.E. # 11607** PrintedName/Title Signature Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations. Deputy Oil & Gas Inspector,

District #3

Approval:

Printed Name/Title

| JU- V-17- 66. 14958 × 10 1.76009   |  |   |  |
|--|--|---|--|
| BLA  | AGG ENGINEERING, INC.                        | LOCATION NO: BO824  |  |
| CLIENT: <u>B</u> P.O. BO   | X 87, BLOOMFIELD, NM 8741:<br>(505) 632-1199 | cocr No: 15433  |  |
| FIELD REPORT: PIT C  | LOSURE VERIFICATION                          |   |  |
|  | WELL#: IA TYPE: PACOUCTION                   | DATE STARTED 1-26-06  DATE FINISHED 1-26-06   |  |
|  | SEISE CONTRACTOR: PXS (FERNAMOR)             |   |  |
|  | . x M FT. x M FT. DEEP. CUBI                 |   |  |
| DISPOSAL FACILITY:   |  |   |  |
|  | LEASE: SF 676337 F                           |   |  |
|  | OCATED APPROXIMATELY 93 FT. N                |   |  |
|  | T WATER SOURCE: > 1000 NEAREST SUR           | FACE WATER:   |  |
|  | PHICLOSURE STD: 5000 PPM                     | AD = 54.0 ppm   |  |
| SOIL AND EXCAVATION DESCRI   | PTION: OVM CALIB. GA                         | $S = \frac{i\partial \mathcal{O}}{i\partial \mathcal{O}}  ppm \qquad \underline{RF = 0.52}$ |  |
| SOIL TYPE SAND (SILTY SAND) SILT / SILT  | Y CLAY / CLAY / GRAVEL / OTHER BEILLE        | _ (anylpm DATE 1/26<br>SANDSXXX @ 7°  |  |
| SOIL COLOR LATE TO-<br>COHESION (ALL OTHERS): NON COHESIVE SLIGH                                 |  |   |  |
| CONSISTENCY (NON COHESIVE SOILS): LOOSE) F   |  |   |  |
| DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM  | STIFF / VERY STIFF / HARD                    | CLOSED  |  |
| MOISTURE DRY (SLIGHTLY MOIST) MOIST / WET /<br>DISCOLORATION/STAINING OBSERVED: YES (NO)         |  |   |  |
| HC ODOR DETECTED YES (NO EXPLANATION - SAMPLE TYPE GRAB (COMPOSITE) # OF PTS 5                   |  |   |  |
| ADDITIONAL COMMENTS.   | 12"x12"x4" Dept Earth of                     | 1. Use Backline to  |  |
| (BEDROCK)  | 010- 1/14 × 3/44-22                          |   |  |
| SCALE SAME TRUE SAME   | FIELD 418.1 CALCULATIONS                     |   |  |
| SAMP. TIME SAMP. II  | D LAB NO. WEIGHT (g) mL FREON D              | ILUTION READING CALC. (ppm)   |  |
| O <sub>g</sub> FT  |  |   |  |
| N PIT PERIMETER  | OVM  | PIT PROFILE   |  |
|  | READING                                      |   |  |
| 12" ( )  | SAMPLE FIELD HEADSPACE (ppm)                 |   |  |
| Tit  | 2 @  | -12° <del>&gt;</del>  |  |
| * *  | 4 @ 5 @                                      |   |  |
| A 5-POINT 0.0 4  |  |   |  |
| ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )  |  |   |  |
| LAB SAMPLES  BEDIOCK SAMOSTONE   |  |   |  |
| LAB SAMPLES SECULTY SAVOTO   |  |   |  |
| SAMPLE ANALYSIS TIME  5 Peri Tot 1 - 1000  |  |   |  |
| KTO wein   | Bri. Cc-                                     |   |  |
| PD = PIT DEPRESSION, B.G = BELOW GRADE; B = BELOW TH = TEST HOLE, ~ = APPROX.; T B = TANK BOTTOM |  |   |  |
| TRAVEL NOTES CALLOUT:  | ONSITE: 1/26/06                              |   |  |



## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

|                      | •               |                     |           |
|----------------------|-----------------|---------------------|-----------|
| Client:              | Blagg / BP      | Project #:          | 94034-010 |
| Sample ID:           | 5-Point @ 7'    | Date Reported:      | 01-31-06  |
| Laboratory Number:   | 35913           | Date Sampled:       | 01-26-06  |
| Chain of Custody No: | 15433           | Date Received:      | 01-26-06  |
| Sample Matrix:       | Soil            | Date Extracted:     | 01-30-06  |
| Preservative:        | Cool            | Date Analyzed:      | 01-31-06  |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH  |

| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 0.1                      |
| Total Petroleum Hydrocarbons | ND                       | 0.2                      |

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Chavez GC A #1A Prod. Pit.

Analyst C. Opler

Musteren Waeters
Review



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client:            | Blagg / BP    | Project #:          | 94034-010 |
|--------------------|---------------|---------------------|-----------|
| Sample ID:         | 5-Point @ 7'  | Date Reported:      | 01-31-06  |
| Laboratory Number: | 35913         | Date Sampled:       | 01-26-06  |
| Chain of Custody:  | 15433         | Date Received:      | 01-26-06  |
| Sample Matrix:     | Soil          | Date Analyzed:      | 01-31-06  |
| Preservative:      | Cool          | Date Extracted:     | 01-30-06  |
| Condition:         | Cool & Intact | Analysis Requested: | BTEX      |

|              | Det.                     |                  |  |
|--------------|--------------------------|------------------|--|
| Parameter    | Concentration<br>(ug/Kg) | Limit<br>(ug/Kg) |  |
|              | (=9/1.9)                 | (~9,1,9)         |  |
| Benzene      | ND                       | 1.8              |  |
| Toluene      | 18.1                     | 1.7              |  |
| Ethylbenzene | 3.0                      | 1.5              |  |
| p,m-Xylene   | 9.2                      | 2.2              |  |
| o-Xylene     | 3.2                      | 1.0              |  |
| Total BTEX   | 33.5                     |                  |  |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 97.0 %           |
|                       | 1,4-difluorobenzene | 97.0 %           |
|                       | Bromochlorobenzene  | 97.0 %           |

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Chavez GC A #1A Prod Pit.

Analyst C. Que

Mustine m Wasters
Review



#### Chloride

| Client:        | Blagg / BP      | Project #:        | 94034-010 |
|----------------|-----------------|-------------------|-----------|
| Sample ID:     | 5-Point @ 7'    | Date Reported:    | 01-31-06  |
| Lab ID#:       | 35913           | Date Sampled:     | 01-26-06  |
| Sample Matrix: | Soil            | Date Received:    | 01-26-06  |
| Preservative:  | Cool            | Date Analyzed:    | 01-30-06  |
| Condition:     | Cool and Intact | Chain of Custody: | 15433     |
|                |                 |                   |           |

Parameter Concentration (mg/Kg)

Total Chloride 6.9

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Chaves GC A #1A Prod Pit.

Analyst Review Review